Detect Missing Values in a DataFrame

Aim

Write a Pandas program to detect missing values of a given DataFrame. Display True or False.

Algorithm

- 1. Import the pandas library
- 2. Create a sample DataFrame with some missing values
- 3. Use the isnull() method on the DataFrame to detect missing values
- 4. Display the resulting boolean DataFrame

Code

Output

```
A B C D

0 False False False False

1 False True False False

2 True False False False

3 False False True False

4 False False False True
```

Result

The program successfully detects and displays the missing values in the given DataFrame. Each cell in the output shows True if the corresponding value in the original DataFrame is missing (NaN), and False otherwise.